

METHODS AND APPARATUS FOR SNAPSHOT-BASED EQUALIZATION OF A COMMUNICATIONS CHANNEL

Abstract of the Disclosure

5 Equalization techniques for compensating distortion associated with a
communications channel are provided. In one aspect of the invention, a
method/apparatus for equalizing an input signal received from a communications channel
includes the following steps/operations. At least one sampling is generated from the
received input signal based on a clock signal unrelated to a clock signal used to recover
data associated with the received input signal. Distortion associated with the
10 communications channel is then compensated for based on at least a portion of the at
least one generated sampling.